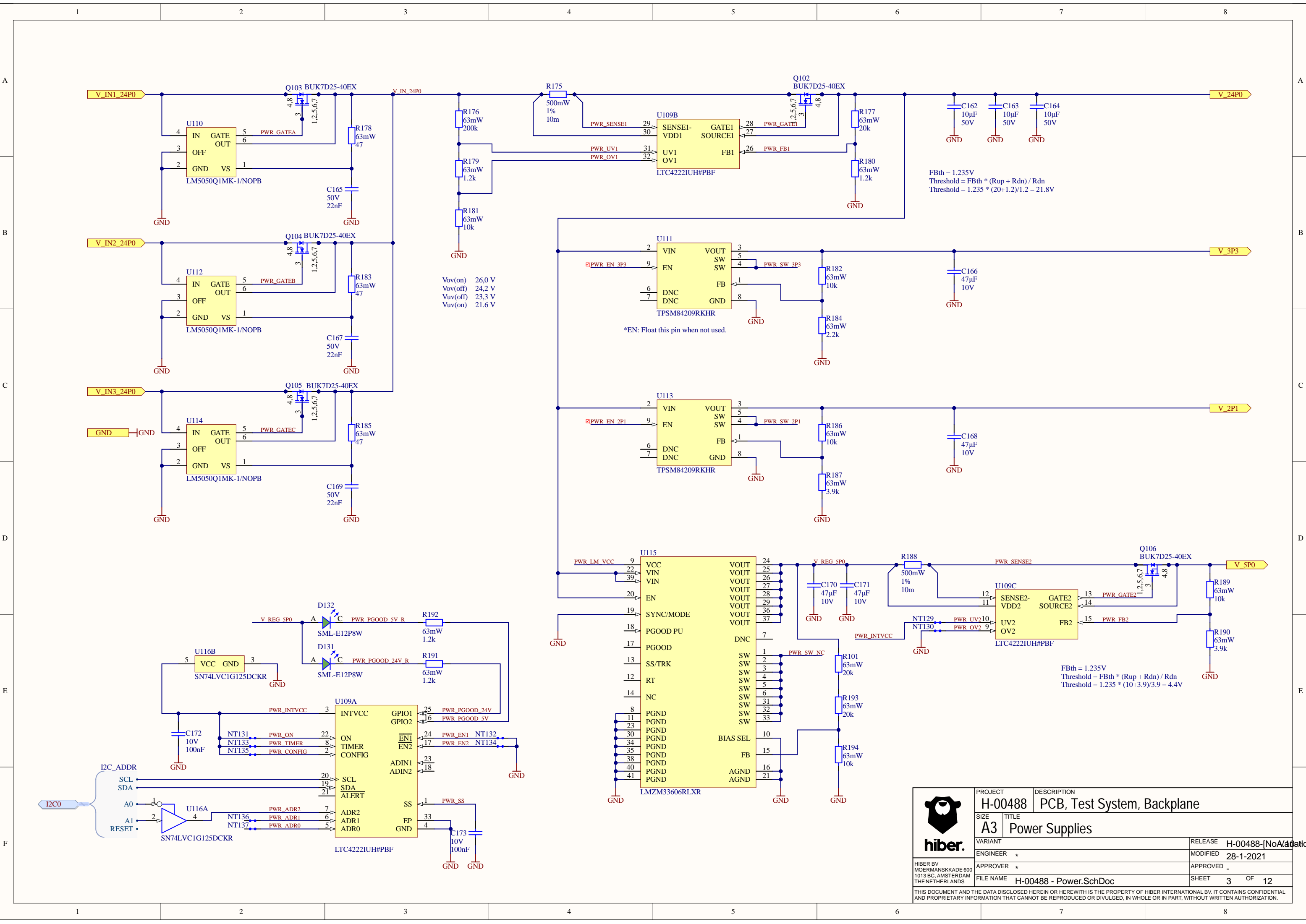
 <b>hiber.</b>	PROJECT		DESCRIPTION	
	H-00488		PCB, Test System, Backplane	
	SIZE	TITLE		
	A3	Top Sheet		
HIBER BV MOERMANSKKADE 600 1013 BC, AMSTERDAM THE NETHERLANDS	VARIANT		RELEASE	H-00488-[No Adapters]
	ENGINEER *		MODIFIED	20-1-2021
	APPROVER *		APPROVED *	
	FILE NAME	H-00488 - Top.SchDoc		
		SHEET	1	OF 12
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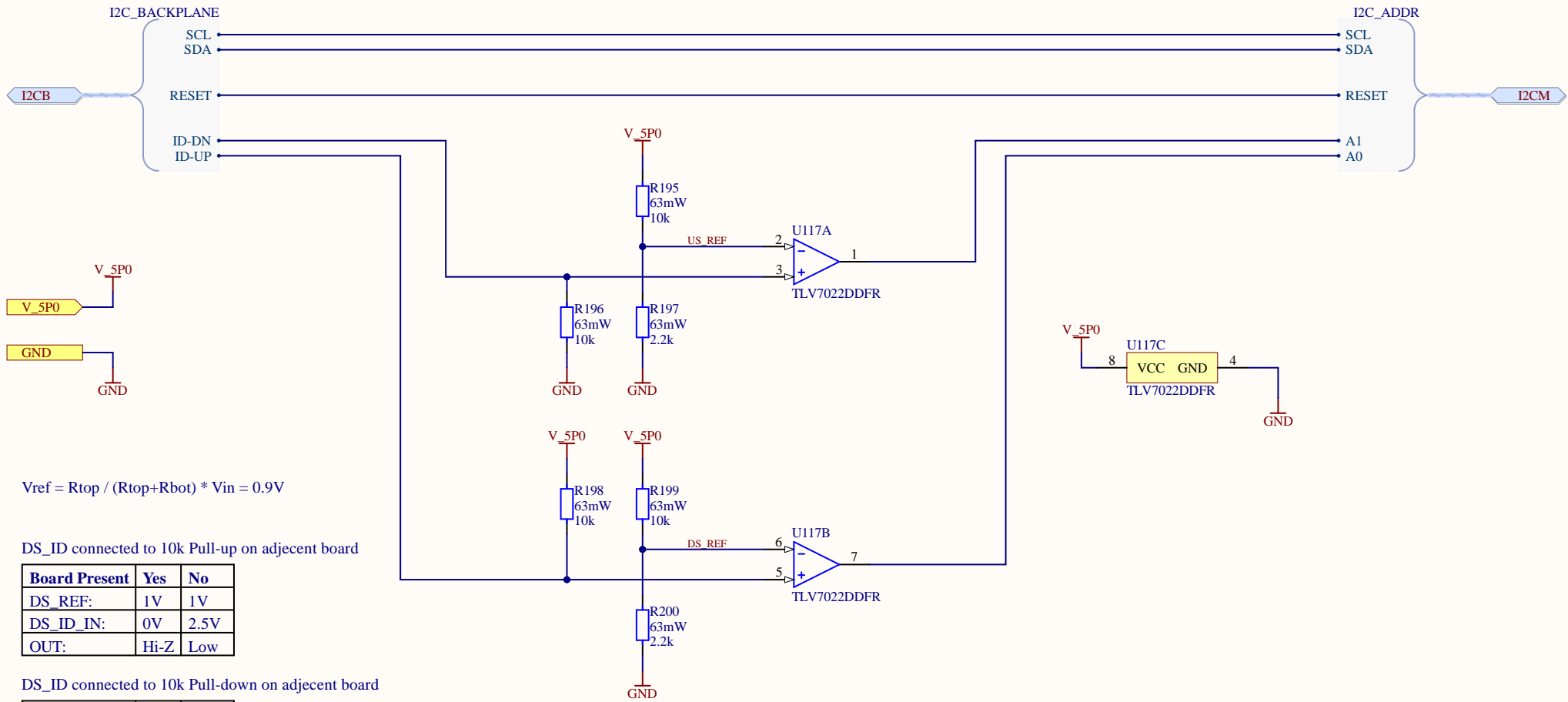


Vov(on) 26,0 V  
Vov(off) 24,2 V  
Vuv(off) 23,3 V  
Vuv(on) 21,6 V

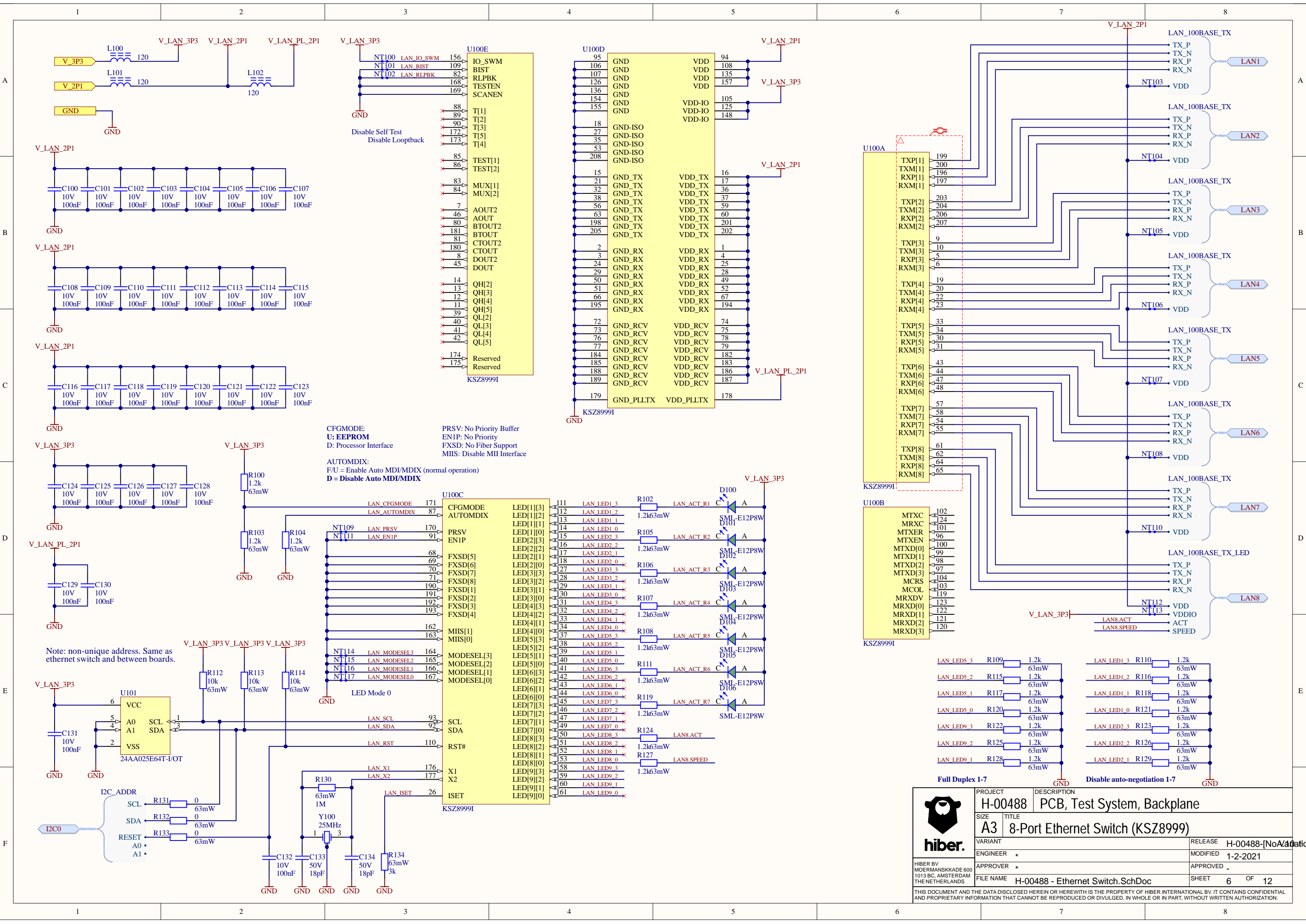
FBth = 1.235V  
Threshold = FBth \* (Rup + Rdn) / Rdn  
Threshold = 1.235 \* (20+1.2)/1.2 = 21.8V


FBth = 1.235V  
Threshold = FBth \* (Rup + Rdn) / Rdn  
Threshold = 1.235 \* (10+3.9)/3.9 = 4.4V

 HIBER BV MOERMANSKKADE 600 1013 BC, AMSTERDAM THE NETHERLANDS	PROJECT H-00488		DESCRIPTION PCB, Test System, Backplane	
	SIZE A3	TITLE Power Supplies		
	VARIANT		RELEASE	H-00488-[No Adapters]
	ENGINEER *		MODIFIED	28-1-2021
	APPROVER *		APPROVED	-
	FILE NAME H-00488 - Power.SchDoc		SHEET	3 OF 12
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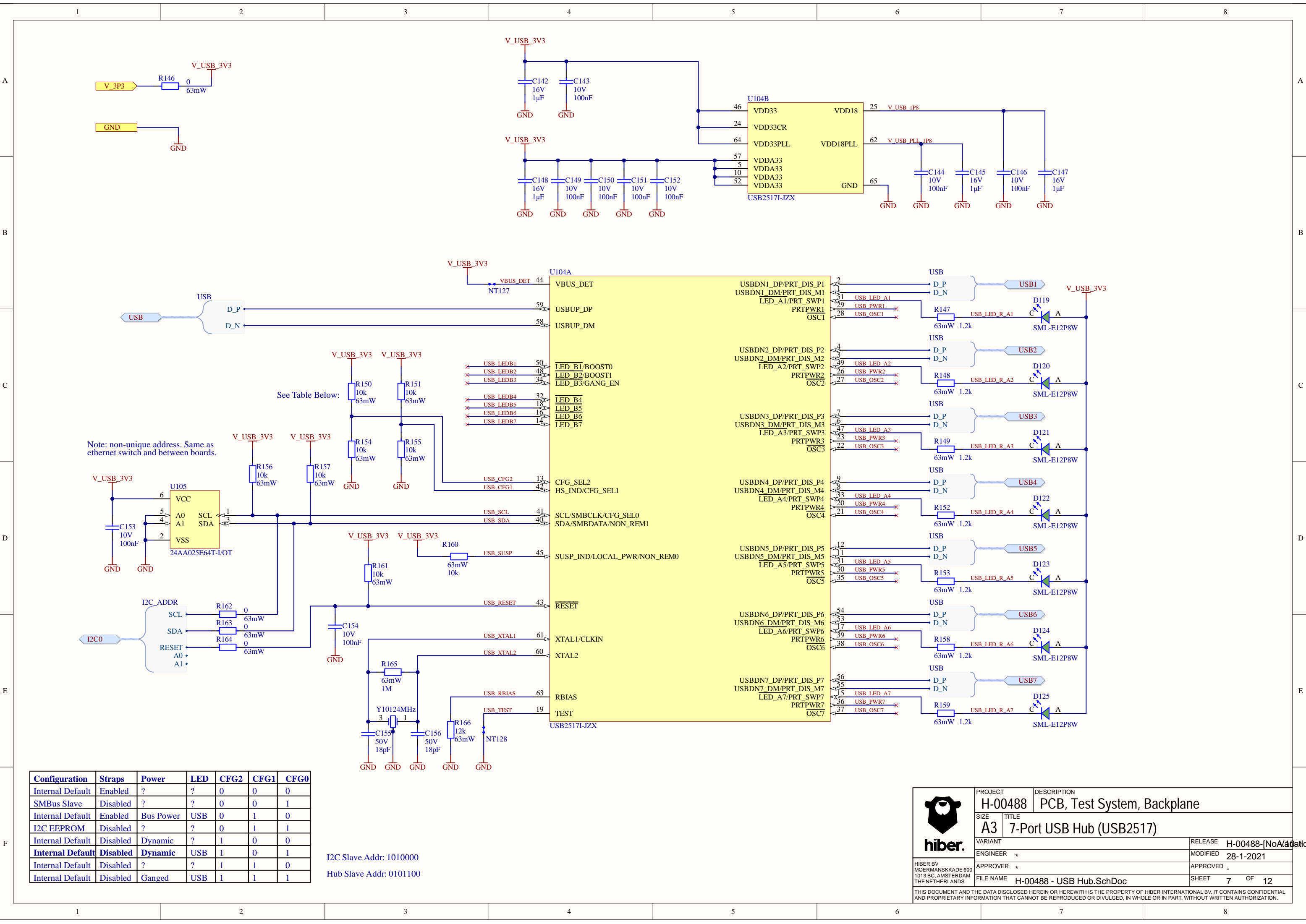







 <b>hiber.</b>	PROJECT		H-00488		DESCRIPTION		PCB, Test System, Backplane						
	SIZE		A3		TITLE				8-Port Ethernet Switch (KSZ8999)				
	VARIANT						RELEASE		H-00488-[No Modifications]				
	ENGINEER						*		MODIFIED		1-2-2021		
HIBER BV MOERMANSKADE 600 1013 BC, AMSTERDAM THE NETHERLANDS	APPROVER						*		APPROVED		-		
	FILE NAME						H-00488 - Ethernet Switch.SchDoc						
						SHEET		6		OF		12	
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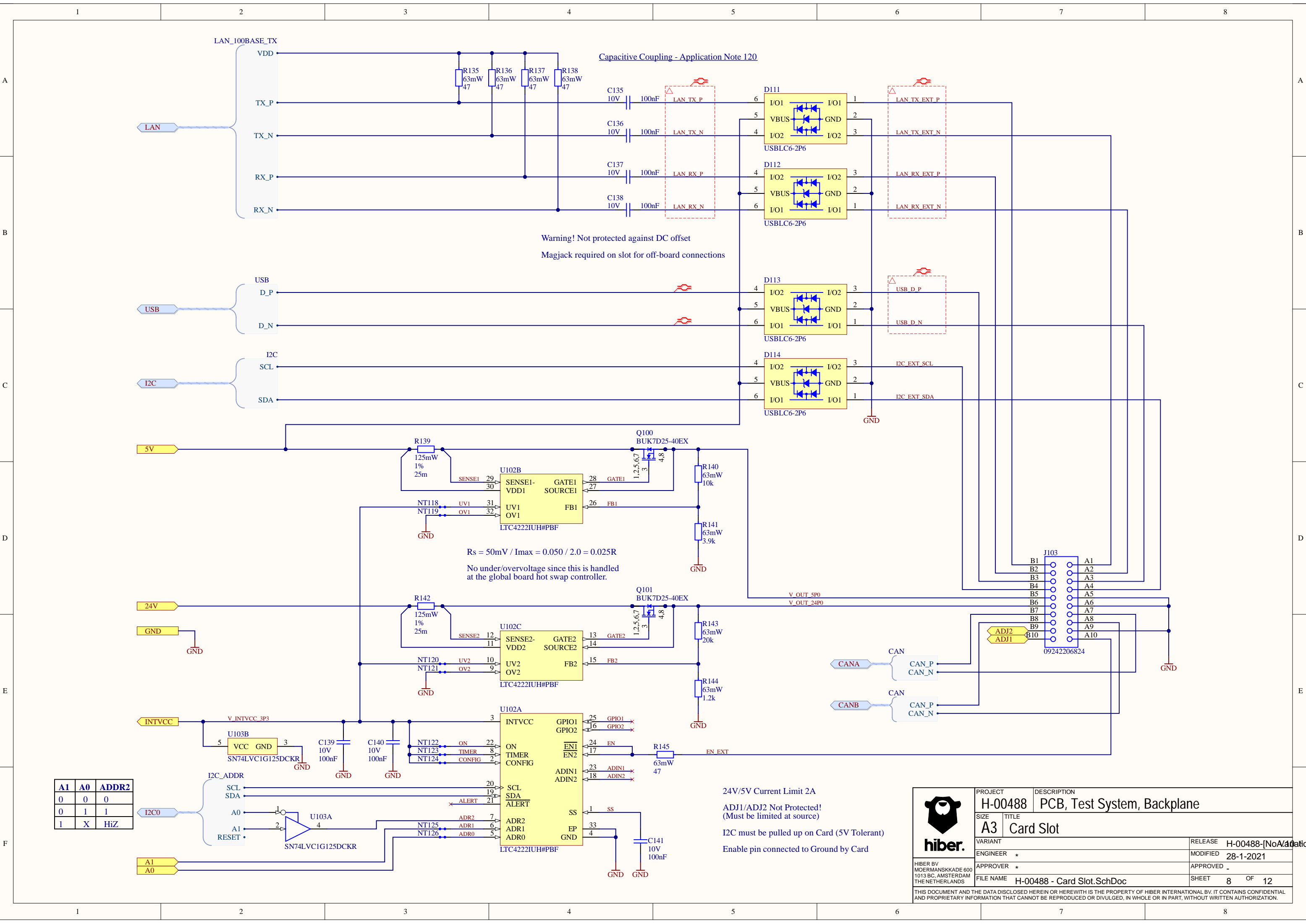





Configuration	Straps	Power	LED	CFG2	CFG1	CFG0
Internal Default	Enabled	?	?	0	0	0
SMBus Slave	Disabled	?	?	0	0	1
Internal Default	Enabled	Bus Power	USB	0	1	0
I2C EEPROM	Disabled	?	?	0	1	1
Internal Default	Disabled	Dynamic	?	1	0	0
Internal Default	Disabled	Dynamic	USB	1	0	1
Internal Default	Disabled	?	?	1	1	0
Internal Default	Disabled	Ganged	USB	1	1	1

I2C Slave Addr: 1010000  
Hub Slave Addr: 0101100

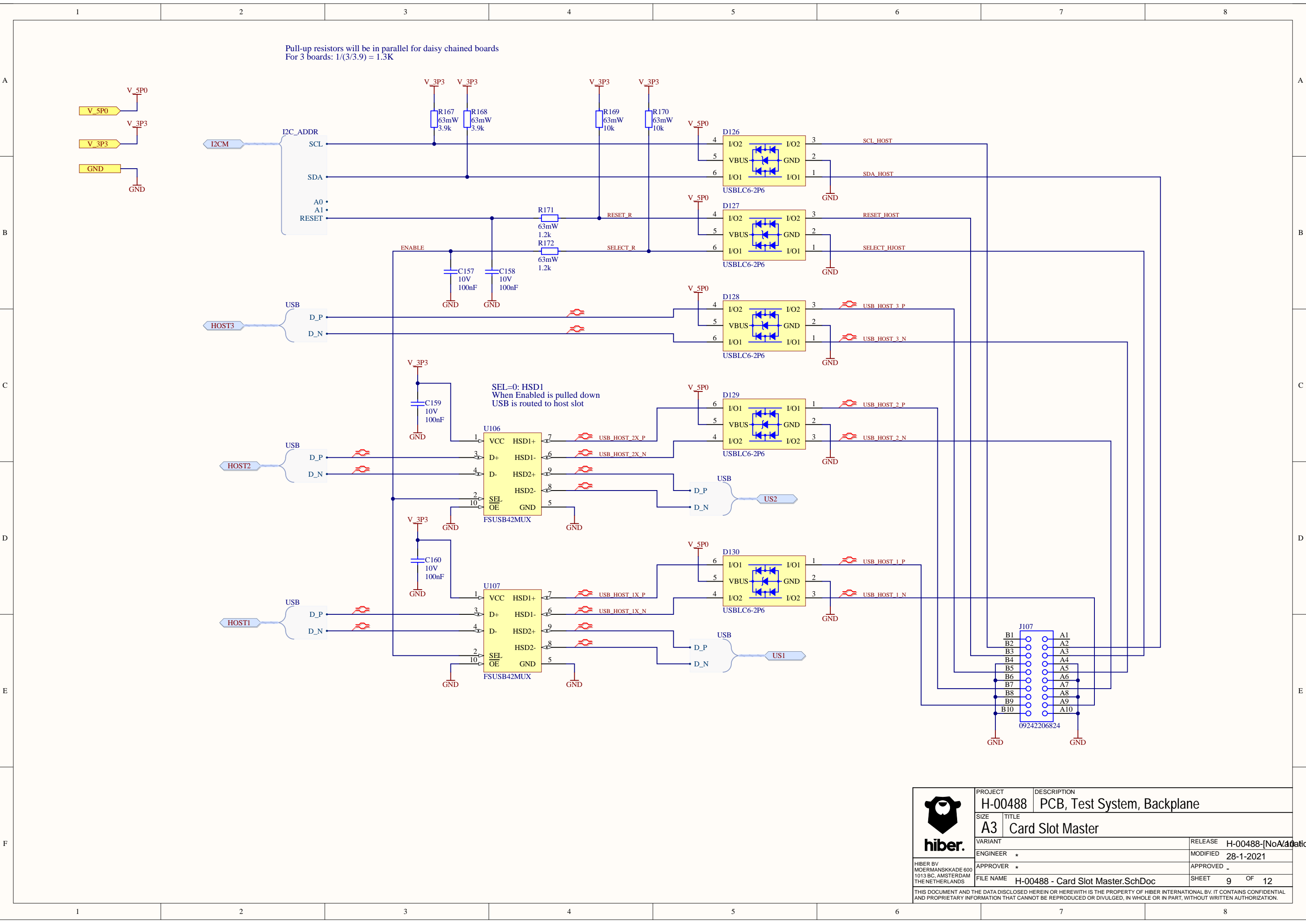
 <b>hiber.</b>	PROJECT		DESCRIPTION	
	H-00488		PCB, Test System, Backplane	
	SIZE	TITLE		
	A3	7-Port USB Hub (USB2517)		
HIBER BV MOERMANSSKADE 600 1013 BC, AMSTERDAM THE NETHERLANDS	VARIANT		RELEASE	H-00488-[No Adoptions]
	ENGINEER *		MODIFIED	28-1-2021
	APPROVER *		APPROVED	-
	FILE NAME		H-00488 - USB Hub.SchDoc	
		SHEET	7	OF 12
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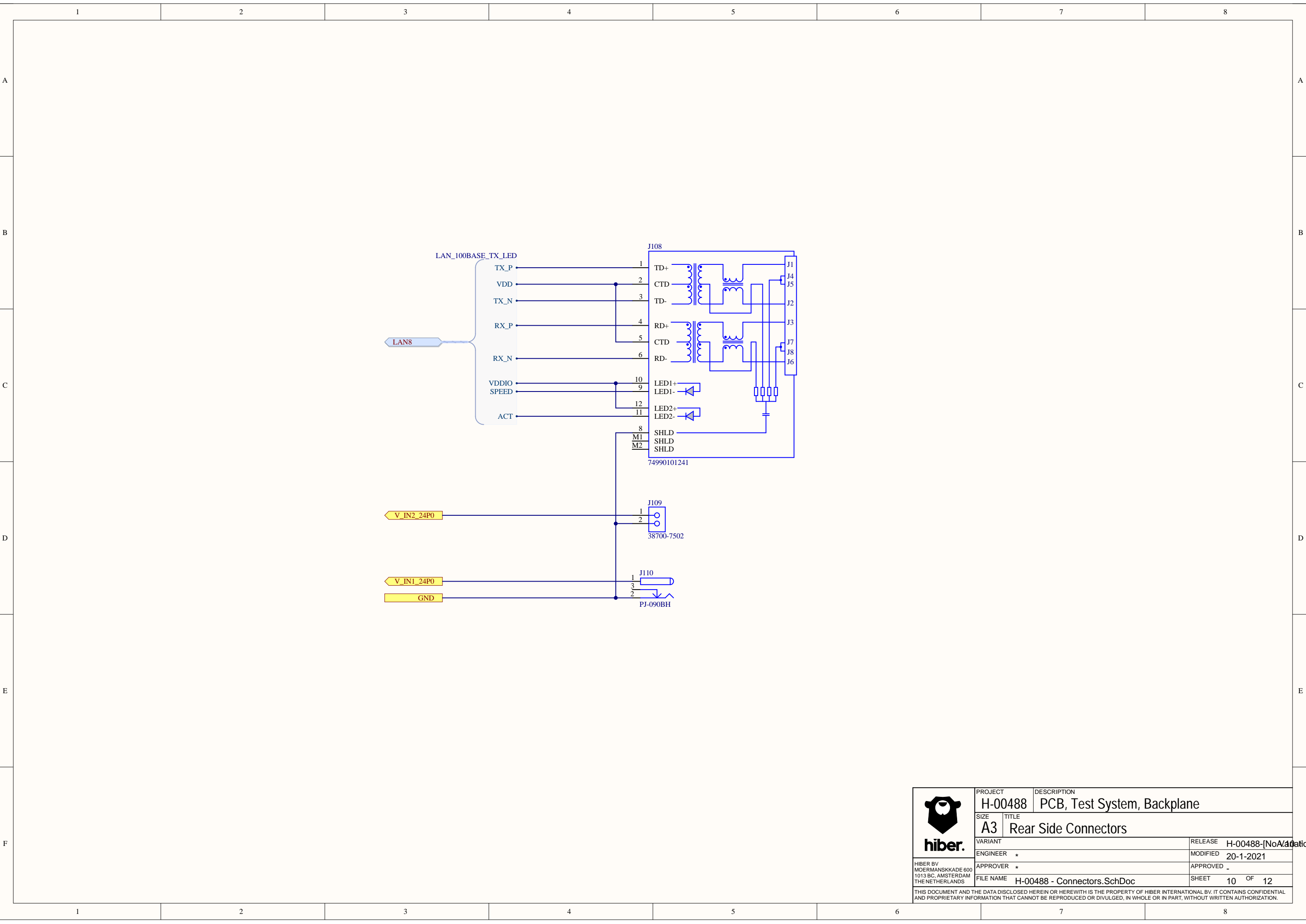
24V/5V Current Limit 2A  
ADJ1/ADJ2 Not Protected!  
(Must be limited at source)  
I2C must be pulled up on Card (5V Tolerant)  
Enable pin connected to Ground by Card


 <b>hiber.</b>	PROJECT <b>H-00488</b>		DESCRIPTION <b>PCB, Test System, Backplane</b>	
	SIZE <b>A3</b>	TITLE <b>Card Slot</b>		
	VARIANT		RELEASE	<b>H-00488-[No Adaptations]</b>
	ENGINEER *		MODIFIED	<b>28-1-2021</b>
	APPROVER *		APPROVED	-
HIBER BV MOERMANSSKADE 600 1013 BC, AMSTERDAM THE NETHERLANDS	FILE NAME <b>H-00488 - Card Slot.SchDoc</b>		SHEET	<b>8</b> OF <b>12</b>
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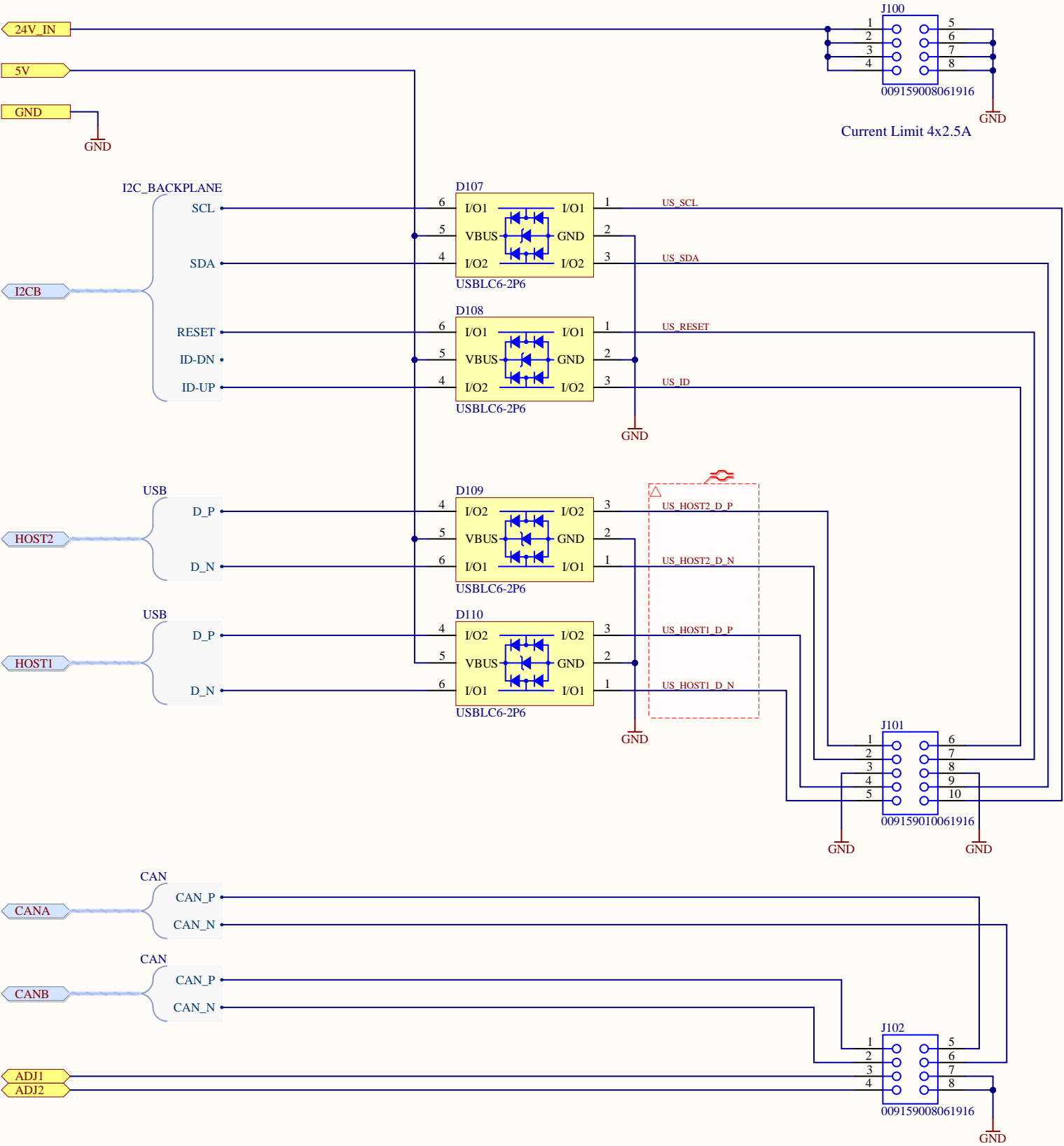





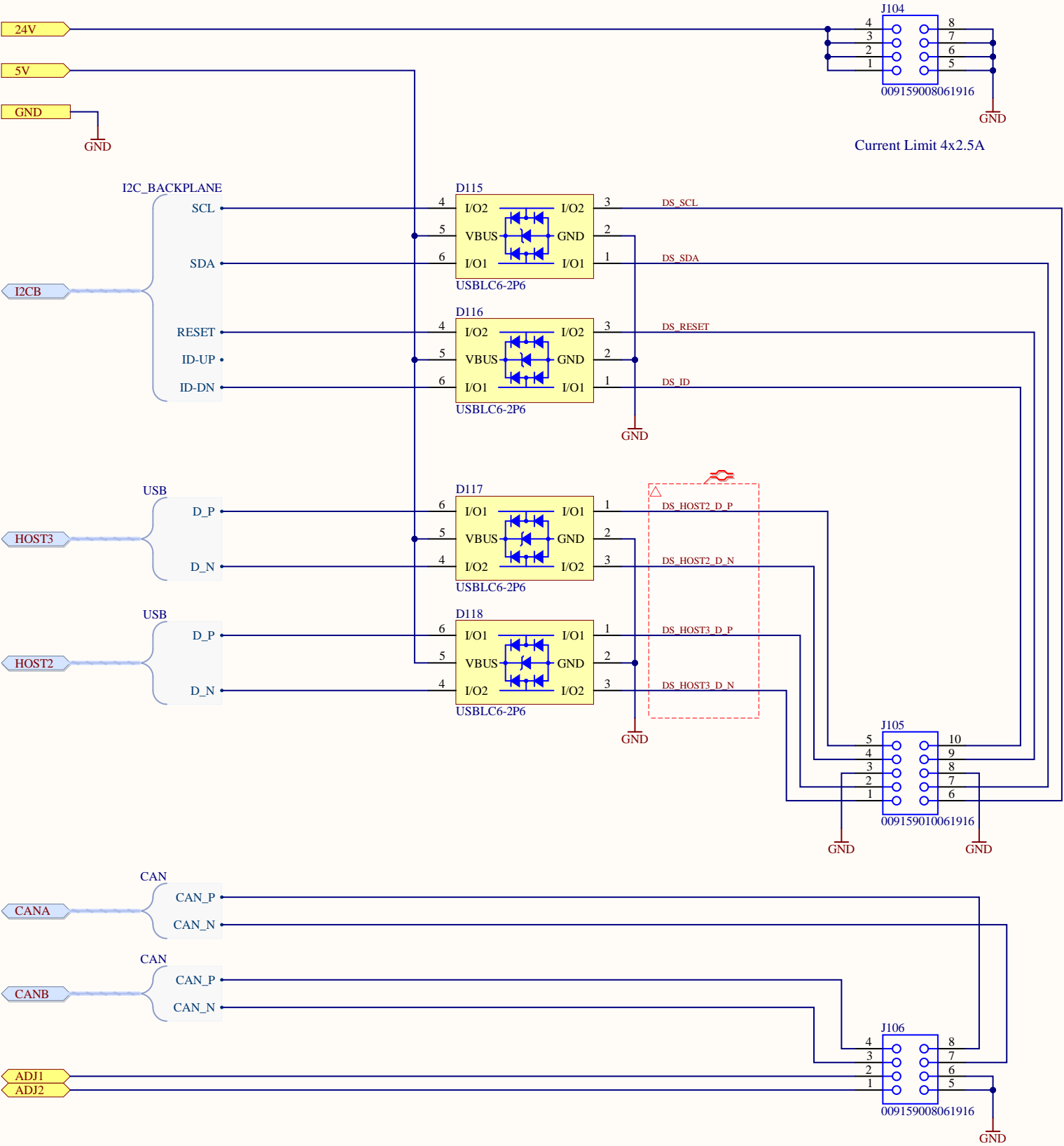
 <b>hiber.</b>	PROJECT <b>H-00488</b>		DESCRIPTION <b>PCB, Test System, Backplane</b>	
	SIZE <b>A3</b>	TITLE <b>Card Slot Master</b>		
	VARIANT		RELEASE <b>H-00488-[No Adoptions]</b>	
	ENGINEER *  		MODIFIED <b>28-1-2021</b>	
	APPROVER *  		APPROVED <b>-</b>	
HIBER BV MOERMANSSKADE 600 1013 BC, AMSTERDAM THE NETHERLANDS	FILE NAME <b>H-00488 - Card Slot Master.SchDoc</b>		SHEET <b>9</b> OF <b>12</b>	
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 <b>hiber.</b>	PROJECT <b>H-00488</b>		DESCRIPTION <b>PCB, Test System, Backplane</b>	
	SIZE <b>A3</b>	TITLE <b>Rear Side Connectors</b>		
	VARIANT		RELEASE	<b>H-00488-[No Adaptations]</b>
	ENGINEER   *		MODIFIED	<b>20-1-2021</b>
	APPROVER   *		APPROVED	<b>-</b>
HIBER BV MOERMANSSKADE 600 1013 BC, AMSTERDAM THE NETHERLANDS	FILE NAME <b>H-00488 - Connectors.SchDoc</b>		SHEET	<b>10</b> OF <b>12</b>
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 <b>hiber.</b>	PROJECT <b>H-00488</b>		DESCRIPTION <b>PCB, Test System, Backplane</b>	
	SIZE <b>A3</b>	TITLE <b>Connectors Upstream</b>		
	VARIANT		RELEASE	<b>H-00488-[No Adaptations]</b>
	ENGINEER *		MODIFIED	<b>20-1-2021</b>
	APPROVER *		APPROVED	<b>-</b>
HIBER BV MOERMANSSKADE 600 1013 BC, AMSTERDAM THE NETHERLANDS	FILE NAME <b>H-00488 - Connectors Upstream.SchDoc</b>		SHEET	<b>11</b> OF <b>12</b>
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 <b>hiber.</b>	PROJECT		DESCRIPTION	
	H-00488		PCB, Test System, Backplane	
	SIZE	TITLE		
	A3	Connectors Downstream		
	VARIANT		RELEASE	H-00488-[No Adaptation]
HIBER BV MOERMANSSKADE 600 1013 BC, AMSTERDAM THE NETHERLANDS	ENGINEER *		MODIFIED 1-2-2021	
	APPROVER *		APPROVED _	
	FILE NAME		SHEET 12 OF 12	
H-00488 - Connectors Downstream.SchDoc				
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